

09/477405

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 1/4/00 are:☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:  
 Black ink. Color: Color drawings are not acceptable until petition is granted.  
 Fig(s) Color drawings are not acceptable until petition is granted.  
 Pencil and non black ink not permitted. Fig(s) Color drawings are not acceptable until petition is granted.
2. PHOTOGRAPHS. 37 CFR 1.84(b)  
 1 full-tone set is required. Fig(s) Color drawings are not acceptable until petition is granted.  
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) Color drawings are not acceptable until petition is granted.  
 Poor quality (half-tone). Fig(s) Color drawings are not acceptable until petition is granted.
3. TYPE OF PAPER. 37 CFR 1.84(c)  
 Paper not flexible, strong, white, and durable. Fig(s) Color drawings are not acceptable until petition is granted.  
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Color drawings are not acceptable until petition is granted.  
 Mylar, vellum paper is not acceptable (too thin). Fig(s) Color drawings are not acceptable until petition is granted.
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4)  
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
 All drawing sheets not the same size.  
 Sheet(s) Color drawings are not acceptable until petition is granted.  
 Drawings sheets not an acceptable size. Fig(s) Color drawings are not acceptable until petition is granted.
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: A4 Size  
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 SIZE: 8 1/2 x 11  
 Margins not acceptable. Fig(s) Color drawings are not acceptable until petition is granted.  
 Top (T) Color drawings are not acceptable until petition is granted. Left (L) Color drawings are not acceptable until petition is granted.  
 Right (R) Color drawings are not acceptable until petition is granted. Bottom (B) Color drawings are not acceptable until petition is granted.
6. VIEWS. 37 CFR 1.84(h)  
 REMINDER: Specification may require revision to correspond to drawing changes.  
 Partial views. 37 CFR 1.84(h)(2)  
 Brackets needed to show figure as one entity. Fig(s) Color drawings are not acceptable until petition is granted.  
 Views not labeled separately or properly. Fig(s) Color drawings are not acceptable until petition is granted.  
 Enlarged view not labeled separately or properly. Fig(s) Color drawings are not acceptable until petition is granted.
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)  
 Hatching not indicated for sectional portions of an object. Fig(s) Color drawings are not acceptable until petition is granted.  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) Color drawings are not acceptable until petition is granted.
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  
 Words do not appear on a horizontal, left-to-right-fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) Color drawings are not acceptable until petition is granted.
9. SCALE. 37 CFR 1.84(k)  
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) Color drawings are not acceptable until petition is granted.
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)  
 Lines, numbers & letters not uniformly thick and well-defined, clean, durable, and black (poor line quality). Fig(s) Color drawings are not acceptable until petition is granted.
11. SHADING. 37 CFR 1.84(m)  
 Solid black areas pale. Fig(s) Color drawings are not acceptable until petition is granted.  
 Solid black shading not permitted. Fig(s) Color drawings are not acceptable until petition is granted.  
 Shade lines, pale, rough and blurred. Fig(s) Color drawings are not acceptable until petition is granted.
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)  
 Numbers and reference characters not plain and legible. Fig(s) Color drawings are not acceptable until petition is granted.  
 Figure legends are poor. Fig(s) Color drawings are not acceptable until petition is granted.  
 Numbers and reference characters not oriented in the same direction of the view. 37 CFR 1.84(p)(1). Fig(s) Color drawings are not acceptable until petition is granted.  
 English alphabet not used. 37 CFR 1.84(p)(2). Fig(s) Color drawings are not acceptable until petition is granted.  
 Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) Color drawings are not acceptable until petition is granted.
13. LEAD LINES. 37 CFR 1.84(q)  
 Lead lines cross each other. Fig(s) Color drawings are not acceptable until petition is granted.  
 Lead lines missing. Fig(s) Color drawings are not acceptable until petition is granted.
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)  
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) Color drawings are not acceptable until petition is granted.
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) Color drawings are not acceptable until petition is granted.
16. CORRECTIONS. 37 CFR 1.84(w)  
 Corrections not made from prior PTO-948 dated Color drawings are not acceptable until petition is granted.
17. DESIGN DRAWINGS. 37 CFR 1.152  
 Surface shading shown not appropriate. Fig(s) Color drawings are not acceptable until petition is granted.  
 Solid black shading not used for color contrast. Fig(s) Color drawings are not acceptable until petition is granted.

COMMENTS

REVIEWER JDATE 2/18/00TELEPHONE NO. 308-0011ATTACHMENT TO PAPER NO. 09/477405

## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### 2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be **unacceptable** by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

TELEPHONE NO.

ATTACHMENT TO PAPER NO.